

ABSTRACT OF THE DISCLOSURE

D/A conversion having higher accuracy is provided by improving relative accuracy of the resistance value of resistors which configure a resistor string. A manufacturing method of a D/A converter circuit of the invention comprises the steps of: forming a resistor string 11 which
5 includes a plurality of resistors R0 to R7 connected in series with each other between reference voltages, and a plurality of switching elements S0 to S3 connected with each connection node of the resistors R0 to R7, wherein: each of the resistors R0 to R7 is a thin film element crystallized by linear laser irradiation; disposing all forming parts of the resistors configuring the resistor
10 string 11 within a laser irradiation area 19; and crystallizing all the forming parts of the resistors which are disposed within the laser irradiation area with the same laser shot.